

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|------------------------|------------------|---------|------------------|
| L1 | 0 | gel near4 decompos\$3 same (remov\$3 extrad\$3) near4 (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2010/02/04 10:19 |
| L2 | 1 | ("3719580").PN. | US-PGPUB; USPAT | OR | OFF | 2010/02/04 10:20 |
| S1 | 3 | ("20020074283" "4352883" "5395498").PN. | US-PGPUB; USPAT | OR | ON | 2009/05/14 10:21 |
| S2 | 3 | S1 and gel\$4 | US-PGPUB; USPAT | OR | ON | 2009/05/14 12:48 |
| S3 | 71870 | (gel\$4 gelatinous) with carrier | US-PGPUB; USPAT | OR | ON | 2009/05/14 15:26 |
| S4 | 2076 | (gel\$4 gelatinous) with carrier with medium | US-PGPUB; USPAT | OR | ON | 2009/05/14 15:27 |
| S5 | 899 | (gel\$4 gelatinous) with carrier near4 medium | US-PGPUB; USPAT | OR | ON | 2009/05/14 15:27 |
| S6 | 504 | (gel\$4 gelatinous) with carrier near2 medium | US-PGPUB; USPAT | OR | ON | 2009/05/14 15:27 |
| S7 | 0 | (gel\$4 gelatinous) with carrier near2 medium6 and S1 | US-PGPUB; USPAT | OR | ON | 2009/05/14 15:27 |
| S8 | 0 | ("2002/0074283").URPN. | USPAT | OR | ON | 2009/05/14 15:27 |
| S9 | 25 | ("4169804" "4554088" "4911816" "4994166").PN. OR ("5395498").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/14 15:27 |
| S10 | 358 | ("3522346" "3725113" "3730841" "3733205" "3827565" "3860490").PN. OR ("4352883").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/14 15:27 |
| S11 | 386 | S9 S10 S1 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/14 15:28 |
| S12 | 2 | S11 and S6 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/14 15:28 |
| S13 | 0 | (gel\$4 gelatinous) with carrier near2 medium and S1 | US-PGPUB; USPAT | OR | ON | 2009/05/14 15:45 |

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| S14 | 77 | (gel\$4 gelatinous) with carrier near2 medium and coat\$3 with particle | US-PGPUB; USPAT | OR | ON | 2009/05/14 15:45 |
| S15 | 135945 | electrophoresis | US-PGPUB; USPAT | OR | ON | 2009/05/14 16:02 |
| S16 | 70 | S15 and S6 | US-PGPUB; USPAT | OR | ON | 2009/05/14 16:02 |
| S17 | 13 | S15 and S6 and coat\$3 with (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/05/14 16:05 |
| S18 | 155796 | electrophore\$3 | US-PGPUB; USPAT | OR | ON | 2009/05/14 16:08 |
| S19 | 18 | S18 and S6 and coat\$3 with (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/05/14 16:08 |
| S20 | 4 | (("20030157181") or ("5487390") or ("4087376") or ("4001140")).PN. | US-PGPUB; USPAT | OR | OFF | 2009/05/15 10:15 |
| S21 | 4 | S20 and gel\$9 | US-PGPUB; USPAT | OR | ON | 2009/05/15 10:26 |
| S22 | 1881 | (gel\$4 gelatinous) near2 medium and coat\$3 with particle | US-PGPUB; USPAT | OR | ON | 2009/05/15 10:47 |
| S23 | 5 | (gel\$4 gelatinous) near2 medium same coat\$3 with \$5particle | US-PGPUB; USPAT | OR | ON | 2009/05/15 10:47 |
| S24 | 144790 | (gel\$4 gelatinous) with (carrier suspension) medium and coat\$3 with \$5particle | US-PGPUB; USPAT | OR | ON | 2009/05/15 10:51 |
| S25 | 72 | (gel\$4 gelatinous) with (carrier suspension) near2 medium and coat\$3 with \$5particle | US-PGPUB; USPAT | OR | ON | 2009/05/15 10:51 |
| S26 | 43 | ((ANDREAS) near2 (VOIGT)).INV. | US-PGPUB; USPAT | OR | ON | 2009/05/15 10:53 |
| S27 | 13 | S26 and (gel\$3 gelatinous) | US-PGPUB; USPAT | OR | ON | 2009/05/15 10:54 |
| S28 | 3 | ("20020074283" "4352883" "5395498").PN. | US-PGPUB; USPAT | OR | ON | 2009/05/15 11:02 |
| S29 | 3 | (gel\$4 gelatinous) and S28 | US-PGPUB; USPAT | OR | ON | 2009/05/15 11:02 |
| S30 | 270 | (aerogel) same (coat\$3 modif\$3) with particle | US-PGPUB; USPAT | OR | ON | 2009/05/27 15:38 |
| S31 | 153 | (aerogel) with (coat\$3 modif\$3) with particle | US-PGPUB; USPAT | OR | ON | 2009/05/27 15:38 |

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| S32 | 48524 | (gel solgel sol gelatinous) same (diffus\$8 mobil\$5) | US- PGPUB; USPAT | OR | ON | 2009/05/27 15:51 |
| S33 | 137429 | (particle nanoparticle microparticle) near3 (coat \$3 deposit\$3 modif\$6) | US- PGPUB; USPAT | OR | ON | 2009/05/27 15:52 |
| S34 | 203 | S32 same S33 | US- PGPUB; USPAT | OR | ON | 2009/05/27 15:52 |
| S35 | 22003 | (gel solgel sol gelatinous) near8 (diffus\$8 mobil\$5) | US- PGPUB; USPAT | OR | ON | 2009/05/27 15:52 |
| S36 | 65 | S35 same S33 | US- PGPUB; USPAT | OR | ON | 2009/05/27 15:52 |
| S37 | 14525 | (particle microparticle nanoparticle) near5 recover \$3 | US- PGPUB; USPAT | OR | ON | 2009/05/27 15:53 |
| S38 | 3 | S37 and S36 | US- PGPUB; USPAT | OR | ON | 2009/05/27 15:53 |
| S39 | 6 | (("5384265") or ("3960490") or ("3960488") or ("5516644") or ("5218099") or ("5206159")).PN. | US- PGPUB; USPAT | OR | OFF | 2009/05/27 16:03 |
| S40 | 3 | S36 and S39 | US- PGPUB; USPAT | OR | ON | 2009/05/27 16:03 |
| S41 | 65 | S36 and S34 | US- PGPUB; USPAT | OR | ON | 2009/05/27 16:04 |
| S42 | 3 | S34 and S39 | US- PGPUB; USPAT | OR | ON | 2009/05/27 16:04 |
| S43 | 1 | ("20030157181").PN. | US- PGPUB; USPAT | OR | OFF | 2009/05/28 11:20 |
| S44 | 137600 | (particle nanoparticle microparticle) near3 (coat \$3 deposit\$3 modif\$6) | US- PGPUB; USPAT | OR | ON | 2009/05/28 13:03 |
| S45 | 22049 | (gel solgel sol gelatinous) near8 (diffus\$8 mobil\$5) | US- PGPUB; USPAT | OR | ON | 2009/05/28 13:03 |
| S46 | 65 | S45 same S44 | US- PGPUB; USPAT | OR | ON | 2009/05/28 13:03 |
| S47 | 0 | S43 and S46 | US- PGPUB; USPAT | OR | ON | 2009/05/28 13:03 |
| S48 | 0 | S43 and S45 | US- PGPUB; USPAT | OR | ON | 2009/05/28 13:03 |
| S49 | 1 | S43 and S44 | US- PGPUB; USPAT | OR | ON | 2009/05/28 13:03 |
| S50 | 1 | gelatinous clm. and microparticles clm. and induced clm. | US- PGPUB; USPAT | OR | ON | 2009/05/28 13:35 |
| S51 | 2 | ((LARS) near2 (DAHNE)).INV. | US- PGPUB; USPAT | OR | ON | 2009/05/28 13:36 |

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| S52 | 1 | ((ANDREAS) near2 (VOIGT)).INV. and ((LARS) near2 (DAHNE)).INV. | US-PGPUB; USPAT | OR | ON | 2009/05/28 13:36 |
| S53 | 2 | ("7118900" or ("7262063")).PN. | US-PGPUB; USPAT | OR | OFF | 2009/06/01 16:11 |
| S54 | 137600 | (particle nanoparticle microparticle) near3 (coat \$3 deposit\$3 modif\$6) | US-PGPUB; USPAT | OR | ON | 2009/06/01 16:26 |
| S55 | 2 | S53 and S54 | US-PGPUB; USPAT | OR | ON | 2009/06/01 16:26 |
| S56 | 2 | S53 and S54 and (gel gelatinous) | US-PGPUB; USPAT | OR | ON | 2009/06/01 16:45 |
| S57 | 1076 | gel with heat\$3 with viscosity | US-PGPUB; USPAT | OR | ON | 2009/06/02 14:37 |
| S58 | 54 | gel with heat\$3 with viscosity with remov\$3 | US-PGPUB; USPAT | OR | ON | 2009/06/02 14:49 |
| S59 | 6 | gel with heat\$3 with viscosity with remov\$3 with (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/06/02 14:50 |
| S60 | 112 | gel with heat\$3 with remov\$3 with (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/06/02 14:50 |
| S61 | 31 | gel with heat\$3 with remov\$3 near4 (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/06/02 14:53 |
| S62 | 7 | gel with decompos\$5 with remov\$3 near4 (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/06/02 14:55 |
| S63 | 0 | gel near4 decompos\$5 same remov\$3 near4 (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/06/02 14:56 |
| S64 | 2 | gel near4 decompos\$5 same (remov\$3 recover\$3) near4 (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/06/02 14:56 |
| S65 | 1581 | gel near4 decompos\$5 | US-PGPUB; USPAT | OR | ON | 2009/06/02 14:56 |
| S66 | 149 | gel near4 decompos\$5 near2 thermal | US-PGPUB; USPAT | OR | ON | 2009/06/02 14:57 |
| S67 | 94 | gel near4 "gel-sol" | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:03 |
| S68 | 0 | gel near4 "gel-sol" same (remov\$3 recover\$3) near4 (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:03 |

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| S69 | 18 | gel near4 "gel-sol" with (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:03 |
| S70 | 80 | gel near4 decompos\$5 with (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:11 |
| S71 | 0 | gel near4 dedestroy\$3 | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:13 |
| S72 | 673 | gel near4 destroy\$3 | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:13 |
| S73 | 46 | gel near4 destroy\$3 with heat\$3 | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:13 |
| S74 | 21 | gel near4 destroy\$3 with (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:13 |
| S75 | 62 | gel near4 destroy\$3 same (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:15 |
| S76 | 1066 | gel with remov\$3 near4 (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:16 |
| S77 | 7 | gel with remov\$3 near4 (particle microparticle nanoparticle) same gel with (decompos\$5) | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:16 |
| S78 | 15 | gel near4 destroy\$3 with decompos\$5 | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:17 |
| S79 | 31 | gel with remov\$3 near4 (particle microparticle nanoparticle) with heat\$3 | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:19 |
| S80 | 64 | gel near4 destroy\$3 with (decompos\$3 heat\$3 dispers\$3) | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:25 |
| S81 | 1477 | gel near4 (destroy\$3 remov \$3) with (decompos\$3 heat \$3 dispers\$3) | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:26 |
| S82 | 1141 | gel near4 viscosity with (decompos\$3 heat\$3 dispers\$3) | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:28 |
| S83 | 66 | gel near4 lower near2 viscosity with (decompos\$3 heat\$3 dispers\$3) | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:29 |
| S84 | 187 | gel near4 (lower\$3 reduc \$3) near2 viscosity with (decompos\$3 heat\$3 dispers\$3) | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:29 |
| S85 | 5 | gel near4 (lower\$3 reduc \$3) near2 viscosity with ("gel-sol") | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:32 |

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| S86 | 0 | gel near4 decompos\$3 same (remov\$3 extract\$3) near4 particle | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:35 |
| S87 | 0 | gel near4 decompos\$3 same (remov\$3 extract\$3) near4 (particle microparticle nanoparticle) | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:35 |
| S88 | 4 | gel near4 decompos\$3 near4 destroy\$3 | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:36 |
| S89 | 29 | gel near4 decompos\$3 near4 remov\$3 | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:36 |
| S90 | 629 | gel near4 decompos\$3 | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:37 |
| S91 | 361 | gel near2 decompos\$3 | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:37 |
| S92 | 77 | gel near4 (lower\$3 reduc\$3) near2 viscosity with (remov\$3 extract\$3 separat\$3) | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:41 |
| S93 | 34 | gel near4 viscosity with ("gel-sol") | US-PGPUB; USPAT | OR | ON | 2009/06/02 15:46 |
| S94 | 80 | gel near4 (lower\$3 reduc\$3) near2 viscosity with (remov\$3 extract\$3 separat\$3) | US-PGPUB; USPAT | OR | ON | 2010/02/02 10:49 |
| S95 | 39 | gel near4 viscosity with ("gel-sol") | US-PGPUB; USPAT | OR | ON | 2010/02/02 10:49 |
| S96 | 670 | gel near4 decompos\$3 | US-PGPUB; USPAT | OR | ON | 2010/02/02 10:49 |
| S97 | 109 | (S94 S95 S96) and pharmaceutical | US-PGPUB; USPAT | OR | ON | 2010/02/02 12:26 |
| S98 | 13 | (S94 S95 S96) and coat\$3 with \$5particle with (inorganic oxide ceramic) | US-PGPUB; USPAT | OR | ON | 2010/02/02 12:53 |
| S99 | 1 | (S94 S95 S96) and coat\$3 with \$5particle with polyelectrolyte | US-PGPUB; USPAT | OR | ON | 2010/02/02 12:59 |
| S100 | 1 | (S94 S95 S96) and coat\$3 with \$5particle with \$4electrolyte | US-PGPUB; USPAT | OR | ON | 2010/02/02 12:59 |
| S101 | 1 | (S94 S95 S96) and coat\$3 with \$5particle same shell | US-PGPUB; USPAT | OR | ON | 2010/02/02 12:59 |
| S102 | 1 | (S94 S95 S96) and coat\$3 with \$5particle same hollow | US-PGPUB; USPAT | OR | ON | 2010/02/02 12:59 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------------|------------------|---------|------------------|
| L4 | 0 | ("gelatinous carrier medium").clm. | USPAT; UPAD | OR | ON | 2010/02/04 12:46 |
| L5 | 0 | microparticles.clm. and modifying.clm. and directional.clm. and transport.clm. and induced.clm. | USPAT; UPAD | OR | ON | 2010/02/04 12:47 |

2/ 4/ 2010 1:30:36 PM

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